FUNCTIONAL SPECIFICATION
INTERFACES

Section I: Justification

Area (SAP System components):	FI-GL		Date:	04/27/2006
Requested by:	SCEIS		Tel no:	
Title:	Interface requirement for Incoming Deposits			
Short description:	The specification describes the requirement for Incoming deposits made in non-live agencies and how it will be handled in SAP and STARS			
Program type:	☒ Batch interfaces ☐ Online interfaces			
Priority:	☒ High/mandatory ☐ Medium/recommended ☐ Low/optional			

Interface specification: Type of interface: Created with: Interface direction: Frequency:	 ☐ BAPI ☐ IDOC ☐ ALE ☐ Others ☐ SAP Standard interface ☒ Add-on interface ☐ Inbound ☐ Outbound ☒ Both ☒ Daily ☐ Weekly ☐ Monthly ☐ Biweekly ☐ Others:
General information: Results if no interface is are created:	 ☐ Legal requirements not fulfilled ☒ Lack of essential business information ☐ Lack of functions compared to legacy system ☐ Others: Increased manual entry
Approx. duration of development work:	8 Days
Is there an alternative in the standard system?	☐ Yes ☒ No
Description of alternative:	
Reasons why alternative is not acceptable:	☐ Performance problems ☐ Complexity ☐ Others:

Project cost:		Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

Section II: Detailed Functional Description

Background:

The State of South Carolina expectations for the non-live agency process:

- Minimize impact to non-live SAP agencies
  - Allows non-live agencies to continue to access STARS inquiry systems, functionality and reports
  - Allows non-live agencies to continue to provide files in current format and data to STARS
- Minimize impact on SCEIS resources needed to support non-live agencies
- Minimize development cost of maintaining legacy STARS systems

One of the interface aspects to be considered is Incoming Deposits. This specification details the source from STARS to import from bank, translation into SAP dimensions, approval of the Incoming Deposits and reverting back to STARS with confirmation or error.

Requirement:

Pre-requisite

1. 1. For a non-live agency parallel masters would exist within SAP for Fund, Grant, Funded program etc.
2. It is the desire of SCEIS to have the translation between STARS and SAP fields in the SAP system. Therefore, there must be a custom table mapping STARS master data and certain parameters to translate into SAP and vice-versa.

3. If for any reason the mapping fails there should be a mechanism to revert back to STARS through an error file.

Interface Aspects:

- The Trigger to the interface is the STARS 180 byte feed file or the import of bank file for reconciliation purposes.

- This should undergo initial edits with the STARS master data before passing them to SAP.

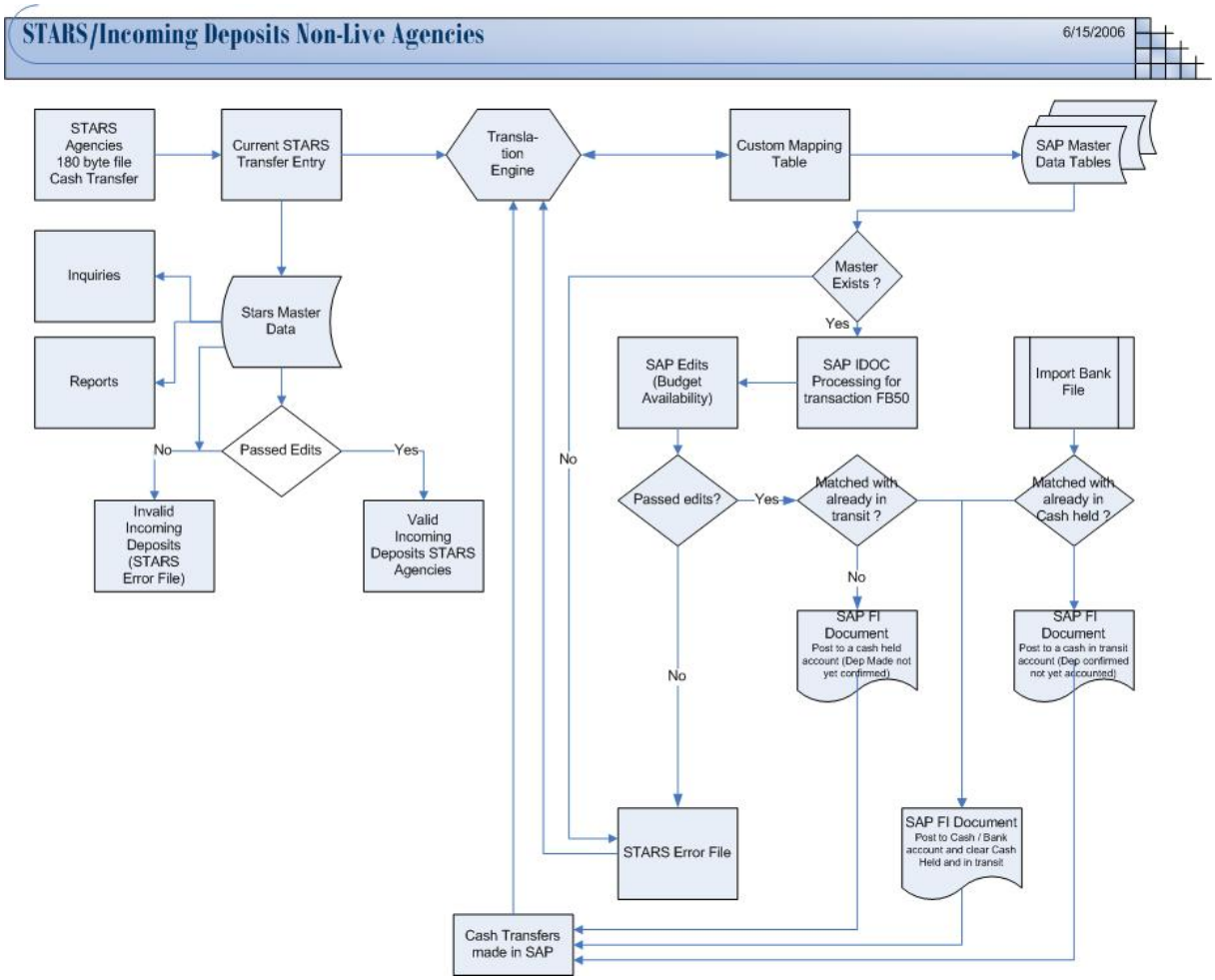
- Miss-matched and failed records should be sent to an error repository.

- Valid records should be passed to SAP in a batch mode. These records should be translated into SAP field names through a translation Engine. (Either a custom routine or MDM or similar component).

- Such translated records relating to Incoming Deposits should be posted to SAP through a Journal Entry (FB50).

- The determination of GL account is contingent upon if such transfer information already matches with the in transit cash (Cash deposit confirmed by the bank but not yet recorded in books) already accounted.
    - If so, they are cleared from the In-Transit account (Cash deposit confirmed by the bank but not yet recorded in books) to the operative cash / bank account.
    - If not, they are posted initially to the Cash Held account (Cash recorded but not yet confirmed with the bank)
- Similarly the trigger can also be from processing the bank file and the deposits therein. The automatic reconciliation could determine the GL accounts based upon transaction matches with the entries already posted in the Cash Held account (Cash recorded but not yet confirmed with the bank))
    - If so, they are cleared from the Cash Held (Cash recorded but not yet confirmed with the bank) account to the operative cash / bank account.
    - If not, they are initially recorded in the In-Transit account (Cash deposit confirmed by the bank but not yet recorded in books).
- All such Incoming deposits document would be posted as an FI document (FB50).
- The document may fail to post either in parked status or during posting either due to availability checks (AVC) or due to incorrect parameters such as wrong account assignments or incorrect derivation. In all cases, the message should be captured and sent back to STARS error file.
- Confirmation of such postings and errors would be passed back to STARS for their needs.

A) Inbound Interfaces (Non-SAP System → SAP System)					
Relevant tables:	BKPF, BSEG, BSAK, BSIS, FAGLFLEXA, FAGLFLEXT Data Mapping (custom table)				
Description of inbound interface:	Transaction SE16N If the record fails for master data, the record will be mapped to STARS master data and will be included in the STARS Error file.				
Input file 01:					
File name.	(path)				
Layout					
Position	*Field name*	*Type*	*Length*	*Decimals*	*Description*
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		



B) Outbound interfaces (SAP System → Non-SAP System)					
Relevant tables:	BKPF, BSEG, BSAK, BSIS, FAGLFLEXA, FAGLFLEXT Data Mapping (custom table)				
Description of outbound interfaces:	Records will be accumulated from the various STARS interface processing. The files below will then be mapped to STARS legacy master data and process/resolve in STARS. Functional Spec STARS Part XII STARS History File (successful records) Functional Spec STARS Part XIII STARS Error File (records unable to park/post in SAP)				
Output file 01:					
File name:	(path)				
Layout					
Position	*Fieldname*	*Type*	*Length*	*Decimals*	*Description*
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

Section III: Functional test

Program:	ZFO0001	Test date:	
Developer:		Tel no:	

Team member responsible for testing:

1. Test file(s): (optional)

2. Is the program in line with the functional specification?
   ☐ Yes ☐ No
   If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the 'General comments' section.
   If "No", describe the errors in the program here.

Developer responsible:

3. Describe the solution(s) :

4. New completion date:

Comments after second test (if the program contained errors after first test):

Date: / /

General comments:

Names and signatures:

_____
Application consultant

_____
Developer